

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|---------------------|
| L1 | 43866 | (pore or porous or column or hole) same (aluminum or alumina) same (silicon or silicon\$2oxide or sio2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:53 |
| L2 | 1754 | (pore or porous or column or hole) with (forming or making) with (aluminum or alumina) same (silicon or silicon\$2oxide or sio2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:53 |
| L3 | 1010 | 2 and (semiconductor or thermoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:54 |
| L4 | 1282 | (pore or porous or column or hole) with (forming or making) with (aluminum or alumina) with (silicon or silicon\$2oxide or sio2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:54 |
| L5 | 683 | 3 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:54 |
| L6 | 27 | 5 and eutectic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:54 |
| L7 | 375 | (aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) with eutectic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 18:10 |

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| L8 | 54 | (aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) with eutectic same (pore or porous or column or hole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 18:10 |
| L9 | 50251 | (aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) same (pore or porous or column or hole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 18:17 |
| L10 | 3496 | (aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) same ((fill\$3 or introduc\$3) with (pore or porous or column or hole)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 18:17 |
| L11 | 527 | 10 and (semiconductor or thermoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 18:18 |
| L12 | 115 | 10 and (semiconductor or thermoelectric) and ((aluminum or alumina) with (sputter\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 18:18 |
| S1 | 0 | "2003175472" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:10 |
| S2 | 0 | "2003 175472" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:10 |
| S3 | 32 | "175472" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:10 |
| S4 | 38 | fukutani near1 kazuhiko.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:11 |
| S5 | 1 | S4 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:13 |
| S6 | 6577 | 136/200-242.cds. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:14 |
| S7 | 347 | S6 and column\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:15 |
| S8 | 40 | S7 and (pore or porous) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:15 |
| S9 | 291 | S6 and matrix | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:16 |
| S10 | 49 | S9 and (pore or porous) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:17 |

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|-----|-------|--|---------------------------|-----|----|---------------------|
| S11 | 15 | ("20020109134" "20020117659" "20020130311" "20020170590" "20030020060" "20030089899" "20030099279" "20030175472" "20040033339" "20040043208" "20050048264" "20060112466" "6231744" "6359288" "6846546").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:24 |
| S12 | 14 | S11 and (semiconductor or thermoelectric) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:26 |
| S13 | 26459 | (silicon or germanium or si or ge) with (pore or porous or columnlar) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:35 |
| S14 | 10728 | S13 and semiconductor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:35 |
| S15 | 224 | S14 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:35 |
| S16 | 3894 | (silicon or germanium or si or ge) with (pore or porous or columnlar) and (pore or porous or columnlar) with (nm or nanometer)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:39 |
| S17 | 58 | S16 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:39 |
| S18 | 12 | S12 and oxide | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 19:43 |
| S19 | 22 | "6301039" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/28 15:09 |
| S20 | 3403 | matrix same (silicon or germanium) oxide | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/28 19:23 |
| S21 | 6 | S20 and 136/200-242.cds. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/28 19:23 |
| S22 | 46091 | (matrix or pore or porous) with (silica or sio or geo) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/28 19:29 |
| S23 | 17 | S22 and 136/200-242.cds. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/28 19:29 |
| S24 | 5 | ("2002/0170590").URPN. | USPAT | ADJ | ON | 2009/04/28 19:34 |
| S25 | 93 | ("2002/0130311").URPN. | USPAT | ADJ | ON | 2009/04/28 19:35 |
| S26 | 0 | columnlar same grow\$3 same semiconductor same silica | USPAT | ADJ | ON | 2009/04/28 19:39 |

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|-----|-------|---|-----------------|-----|----|------------------|
| S27 | 0 | columnar same grow\$3 same semiconductor same silica | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:40 |
| S28 | 0 | columnar same grow\$3 same semiconductor same silica | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:40 |
| S29 | 1 | columnar same grow\$3 same semiconductor same silica | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:40 |
| S30 | 653 | grow\$3 same semiconductor same silica | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:40 |
| S31 | 337 | S30 and ((pore or porous or column\$3 or matrix) | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:41 |
| S32 | 173 | S30 and ((pore or porous or column\$3 or matrix) same silica) | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:41 |
| S33 | 6 | S32 and thermoelectric | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:41 |
| S34 | 1 | S32 and (nano near1 wire) | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:43 |
| S35 | 21 | S30 and ((pore or porous or column\$3) same matrix same silica) | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:44 |
| S36 | 16 | silica with anodized alumina | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 19:47 |
| S37 | 2 | (nano near1 wire) same framework | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 20:05 |
| S38 | 46 | (nano near1 wire) same (mold or template) | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 20:05 |
| S39 | 9 | S38 and silica | US-PGPUB; USPAT | ADJ | ON | 2009/04/28 20:05 |
| S40 | 24 | ("2004/0005258").URPN. | USPAT | ADJ | ON | 2009/04/29 14:44 |
| S41 | 26246 | (channel) same (mold or template) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:45 |
| S42 | 5967 | S41 and wire | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:46 |
| S43 | 1594 | S42 and (thermoelectric or semiconductor) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:46 |
| S44 | 0 | (channel) wit (mold or template) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:46 |
| S45 | 16105 | (channel) with (mold or template) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:46 |
| S46 | 941 | S42 and S43 and S45 | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:46 |
| S47 | 48 | S41 and (nano with wire) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:47 |
| S48 | 28 | S46 and S47 | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 14:47 |

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|-----|------|---|---|-----|----|---------------------|
| S49 | 1 | (thermoelectric) and ((template or mold) with nano with (pore or porous)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/29 18:04 |
| S50 | 0 | ("2005/0255315").URPN. | USPAT | ADJ | ON | 2009/04/29 18:06 |
| S51 | 23 | anodized alumina with (silica or germanium oxide or silicon oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/29 18:07 |
| S52 | 7 | "977".clas. and anodized alumina and silica | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:16 |
| S53 | 1762 | "977".clas. and (template or mold) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:16 |
| S54 | 67 | "977".clas. and ((template or mold) with silica) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:16 |
| S55 | 21 | S54 and wire | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:16 |
| S56 | 54 | ("4472533" "5693207").PN. OR ("6129901").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/29 18:21 |
| S57 | 54 | "977".clas. and anodic oxidation | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:43 |
| S58 | 33 | S57 and (silica or silicon oxide or germanium oxide or sio or geo) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:44 |
| S59 | 8172 | (silica or silicon oxide or sio) with (germania or germanium oxide or geo) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:56 |
| S60 | 111 | S59 and thermoelectric | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:56 |
| S61 | 16 | S60 and nano | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:56 |
| S62 | 8172 | (silica or silicon oxide or sio) with (germania or "germanium oxide" or geo) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:58 |
| S63 | 8172 | (silica or silicon oxide or sio) with (germania or germanium near oxide or geo) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:58 |
| S64 | 8172 | (silica or silicon oxide or sio) with ("germania" or germanium near oxide or geo) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:59 |
| S65 | 3851 | (silica or silicon oxide or sio) with (germani\$1 or germanium near oxide or geo) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:59 |
| S66 | 20 | S65 and S60 | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 18:59 |

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| S67 | 4851 | silica with "germania" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/30 21:11 |
| S68 | 77 | S67 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/30 21:11 |
| S69 | 0 | silica with "germani\$1" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/30 21:11 |
| S70 | 1384 | silica with germani\$1 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/30 21:12 |
| S71 | 6 | S70 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/30 21:12 |
| S72 | 221 | silica with germani\$1 | EPO; JPO; DERWENT | ADJ | ON | 2009/04/30 21:13 |
| S73 | 74 | S72 and (thermoelectric or semiconductor) | EPO; JPO; DERWENT | ADJ | ON | 2009/04/30 21:14 |
| S74 | 0 | S72 and (thermoelectric) | EPO; JPO; DERWENT | ADJ | ON | 2009/04/30 21:14 |
| S75 | 87 | S70 and (template or mold) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/30 21:15 |
| S76 | 1605 | silica with germani\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/04 14:40 |
| S77 | 6 | S76 and thermoelectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/04 14:41 |
| S78 | 27 | silica with germani\$1 with (similar or propert\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/04 14:41 |
| S79 | 22 | silica with germani\$1 with (characteristics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/04 15:08 |
| S80 | 150807 | (silica or silicon or germanium or sio2 or sige or geo2) with (column or matrix) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:01 |
| S81 | 152262 | (silica or silicon or germanium or sio2 or sige or geo2) with (column\$3 or matrix) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:01 |

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| S82 | 548 | S81 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:01 |
| S83 | 159 | S82 and alumina | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:01 |
| S84 | 14331 | (silica or silicon or germanium or sio2 or sige or geo2) with (column\$3 or matrix) with (aluminum or alumina) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:01 |
| S85 | 109 | S82 and S84 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:01 |
| S86 | 27 | S85 and sputter\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:02 |
| S87 | 150 | S82 and sputter\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:02 |
| S88 | 128 | S82 and sputter\$3 and (pore or porous or hole or nano?wire) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:03 |
| S89 | 59835 | (silica or silicon or germanium or sio2 or sige or geo2) with (mix or mixture or blend or matrix) with (aluminum or alumina or al2o3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:13 |
| S90 | 420 | (silica or silicon or germanium or sio2 or sige or geo2) with (mix or mixture or blend or matrix) with (aluminum or alumina or al2o3) same eutectic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:13 |
| S91 | 26 | ((silica or silicon or germanium or sio2 or sige or geo2) with (mix or mixture or blend or matrix) with (aluminum or alumina or al2o3) same eutectic) and (sputter\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:13 |
| S92 | 6 | ("20020127844" "20040048092" "20050079719" "20050196950" "5869880" "6433432"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:22 |
| S93 | 0 | S92 and thermoelectric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/03/11 16:22 |
| S94 | 16751 | (aluminum or alumina) and (silicon or silica or silicon \$2oxide) and (column or pore or porous) | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/03/11 16:41 |
| S95 | 1067 | S94 and (thermoelectric or semiconductor) | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/03/11 16:42 |

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| S96 | 50 | S95 and sputter\$3 | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/03/11 16:42 |
| S97 | 0 | 03/078687 | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/03/11 16:46 |
| S98 | 2 | "03078687" | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/03/11 16:46 |
| S99 | 184964 | (fukutani or miyata or kuriyama or ogawa or okura).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 16:47 |
| S100 | 8611 | S99 and (pore or porous or column\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 16:48 |
| S101 | 466 | S99 and ((pore or porous or column\$3) with (aluminum or silicon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 16:48 |
| S102 | 181 | S99 and ((pore or porous or column\$3) with (aluminum or silicon)) and (semiconductor or thermoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 16:49 |
| S103 | 18 | ("20020048092" "20030043208" "20030175472" "4710348" "6334939" "6410170" "7001669" "7183127" "7192510"). PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/03/11 17:09 |

EAST Search History (Interference)

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